

Application No.: 10/535,377
Attorney Docket No.: SMI-0003
Reply to Office Action of April 21, 2008
Amendment/RCE dated: August 20, 2008

Amendments to the Abstract

Amend the Abstract of the Disclosure as follows:

A method for producing chemically doped boron coating is applied by chemical vapor deposition to a silicon carbide fiber and the coated fiber then is exposed to magnesium vapor to convert the doped boron to doped magnesium diboride and a resultant superconductor doped using a dopant vapor is disclosed, wherein a dopant vapor is mixed with a boron containing vapor to form a gaseous mixture, and the gaseous mixture is heated to a reaction temperature to produce chemically doped boron.